

Receiving Report

Date:

13/6/17

Batch No:

M126043

Supplier:

Thyssen

Dart P/O:

20137

Packing Slip: Yes ☒ No ☐

Invoice: Yes ☐ No ☒

Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐

Waybill Attached: Yes ☐ No ☒

Shipment Complete: Yes ☒ No ☐

QC6 Inspection ✓ Jm 13-6-18

Work Order

N/A

N/A

N/A

N/A

N/A

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12

Production/Admin:

Date

Received/Costing

Initial

13/6/17

Location

All amounts are calculated in domestic currency.

All Vendors PO ID PO20137 Receipt Dates from 6/17/20
All Item ID/GL/WOs All Rec. Employees All Currencies

All Item ID/GL/WOs All Rec. Employees All Currencies

[illegible]

B I L L O F L A D I N G

No: PEC 827251

Ship From: THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 14Jun13 at 8:13 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-576511- 1 Your PO # 20137
ALUMINUM SQUARE BAR 6061-T6511
1.50" X 144.0000"

Heat Number 201310342 Tag No 189304

Quantity 48 FT

PCS 4

MTR

Wt LBS 129

2) Our Order PEC-576511- 2 Your PO # 20137
ALUMINUM FLAT BAR 6061-T6511
.125" x .750" X 240.0000"

Heat Number 13010901B Tag No 189305

Quantity 100 FT

PCS 5

MTR

Wt LBS 12

3) Our Order PEC-576511- 3 Your PO # 20137
ALUMINUM FLAT BAR 6061-T6511
1.250" x 2.00" X 144.0000"

Heat Number Z00247036 Tag No 189306

Quantity 24 FT

PCS 2

MTR

Wt LBS 71

4) Our Order PEC-576511- 4 Your PO # 20137
ALUMINUM FLT BAR ECONOPLT 6061-T6511
.500" X 10.00" X 144.0000"

Heat Number 201309802 Tag No 189307

Quantity 24 FT

PCS 2

MTR

Wt LBS 141

TOTAL: Tags 4 PCS 13 LBS 353

Heat Number
13010901B

*** Chemical Analysis ***

Page: 1Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMÉRO D'APPROBATION SEULEMENT
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

B I L L O F L A D I N G

No: PEC 827251

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 14Jun13 at 8:13 From PFW
Probill
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

201309802
201310342
Z00247036

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TOTAL 2 BDLs G.W. 380 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***
**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *
* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

Page: 2 Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMÉRO D'APPROBATION SEULEMENT
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM SQUARE BAR 6061-T6511
1.50" X 1.44,0000"

PART NO.

PO/Rel 20137

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-827251-001

14Jun13
Pg 1/1



SERVICE CENTER METALS
5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
176999	7

BILL TO ThyssenKrupp Materials NA	MANIFEST NUMBER 191113	DIE NUMBER MSQ1793	DATE OF SHIPMENT 5/23/2013	CERTIFICATION ASTM-B221-12a StencilCont
SHIP TO ThyssenKrupp Materials NA, Toronto	CUSTOMER PO PEC-248599	ALLOY / TEMPER 6061-T6511	SALESPERSON David Schroeder	SPECIFICATION AMS-QQA-200/8 - 1997
Quantity Certified 1,025 lbs 32 pcs	CUSTOMER PART NUMBER MSQ1793	DESCRIPTION MSQ 1.500 + 0.14/-0		

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown.

Items produced and certified as 6061-T6511
also meet the requirements of 6061-T6

Mechanical Properties

Tests	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
	5 201310342	5/19/13	min 44.10 max 47.30	min 40.50 max 44.00	min 15.75 max 16.80

Handwritten: 13-C-16

Chemical Composition for Aluminum Alloy 6061

Cast Number	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Others Each	Total	Melt Source:
0513070	6061	0.72	0.34	0.31	0.10	0.86	0.10	0.04	0.01	97.52	0.05	0.15	United States of America

Print Date: 5/23/2013

Calvin J. Wiggins, Director of Quality & Technical Services

Rev. 9/23/11-LMS

CAN ART

ALUMINUM EXTRUSION INC.

Material Test Report

Manifest: **261689**

Ship To: ThyssenKrupp Materials NA
2821 Langstaff Road
Concord, ON L4K 5C6

Ticket:
5311396

Our Order: **394182 - 1** Cust P.O.: PEC-248239
Die: ES05485 Part: 05485-000-240

Alloy Temper: 6061 T6511 Description: .125 x .750

Print Date: 5/16/13

Chemical Composition Range

6061	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	OtherEach	OtherTotal
Min	0.40		0.15		0.8	0.04				
Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15

Mechanical Properties

Strength ksi

<u>Sample ID</u>	<u>Cast #</u>	<u>Lot #</u>	<u>Test Date</u>	<u>Ultimate Tensile</u>	<u>Yield 2% offset</u>	<u>Elongation 2" gage length</u>
145374	13010901B	A11	5/15/13	43.57	39.81	10.8

Applicable Specifications ASTMB221-12 QQA200/8

Country of Origin: 85 Parkshore Drive, Brampton, Ontario CANADA L6T 5M1

Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for additional costs which may be incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment.

Ray Hussain - Tensile Testing

Authorized:


Evan Eng, Quality Assurance Mgr.

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511
1.250" x 2.00" X 144.0000"
PART NO.

PO/Rel 20137

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-827251-003

14Jun13

Signed by: _____

Pg 1/2

KAISER
ALUMINUM
FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: PEC-246852-2		CUSTOMER PART NUMBER: ALREC00855		PRODUCT DESCRIPTION: 1.250 X 2.000 SC RECT BAR	
KAISER ORDER NUMBER: 639442	LINE ITEM: 002	SHIP DATE: 03/19/2013	KAISER LOT NUMBER: Z00247036	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED: 3952.000 LB	QUANTITY: 112.000 PCS	B/L NUMBER: 605802	DIAM/DAF/THKNS:	WIDTH:	LENGTH: 12.000 FT
SHIP TO: THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA			SOLD TO: THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
ZC0247036	0001	1	50.8	47.5	19.4	RE 90	N/A	N/A
ZC0247036	0001	2	50.9	47.0	18.8	RE 92	N/A	N/A
ZC0247036	0001	3	46.2	42.2	16.3	RE 92	N/A	N/A
ZC0247036	0001	4	53.6	50.2	16.5	RE 93	N/A	N/A
ZC0247036	0001	5	46.0	41.7	17.7	RE 90	N/A	N/A
ZC0247036	0001	6	53.5	50.0	17.1	RE 93	N/A	N/A
ZC0247036	0001	7	51.3	47.9	16.6	RE 93	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
102360	.69	.23	.24	.09	.92	.09	.02	.02	.00	.00	.00	.01	.03

Applicable Requirements:

ASTM-B221-12a STENCILED ASME-SB221 1998 SECT II AMS-QQ-A-200/8 97(R07) UNS#A96061
(T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY
OF ITS COMPOUNDS ARE UTILITIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

Plant Serial: 00082231

Kaiser Order Number: 639442

Line Item: 002

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6S11

1.250" x 2.00" X 144.0000"

PART NO.

PO/Rel 20137

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-827251-003

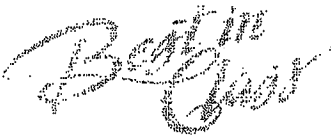
14Jun13

Signed by: _____

Pg 2/2

KAISER
ALUMINUM
FABRICATED PRODUCTS

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048



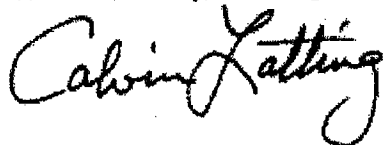
CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Calvin Latting, Quality & Technology Manager



Plant Serial: 00C82231

Kaiser Order Number: 639442

Line Item: 002

THYSSENKRUPP MATERIALS NA

PO/Rel 20137

ALUMINUM ELT BAR ECONOPLT 6061-T6511
500" X 10.00" X 144.0000"

PART NO.

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

BL PBC-827251-004

14mm13
Pg 1/1

Certificate of Mill Test Results



SERVICE CENTER METALS
5850 Quality Way
Prince George, VA 23875

CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
176485	3

BILL TO ThyssenKrupp Materials NA
SHIP TO ThyssenKrupp Materials NA, Toronto
QUANTITY Certified 1,905 lbs 27 pcs

MANIFEST NUMBER 190337
CUSTOMER PO PEC-248410
CUSTOMER PART NUMBER PL0734

DIE NUMBER PL0734
ALLOY / TEMPER 6061-T6511
DATE OF SHIPMENT 5/15/2013
SALES PERSON David Schroeder
DESCRIPTION PL 500 x 10.00

CERTIFICATION ASTM-B221-12a StencilCont
SPECIFICATION AMS-QQA-2008 - 1997

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCM extrusions are manufactured in the USA.

Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6

Mechanical Properties

Tests	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
1	201309802	5/12/13	min 46.30 max 46.30	min 43.10 max 43.10	min 15.25 max 15.25

gm
PL 500

Chemical Composition for Aluminum Alloy 6061

Cast Number	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	AL	Others	Melt Source:
CG7R0444	6061	0.62	0.17	0.18	0.03	0.84	0.06	0.01	0.01	98.08	Each Total	United States of America

Print Date: 5/15/2013

Calvin J. Wiggins

Calvin J. Wiggins, Director of Quality & Technical Services



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO20137

Purchase Order Date 6/11/2013

PO Print Date 6/11/2013

Page Number 1 of 2

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Requisition Nbr	
Vendor Fax	905 738 9033	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	CAD
		FOB	Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED
08/13/2014

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M6061T6B00750X00.125	6061-T6 Bar .750 x .125	6/17/2013 Yes	100.00 f	Yours ppd	\$0.3550	\$35.50
		Special Inst: MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221					
2	M6061T6B0.500X10.000	6061-T6 Bar .500 x 10.00	6/17/2013 Yes	24.00 f	Yours ppd	\$11.7500	\$282.00
		Special Inst: MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221					

PO Instructions: QUOTATION NO. PEC ST-575462

Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.
No substitution or deviation without

Change Nbr: 2

Change Date: 6/11/2013



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO20137**

Purchase Order Date 6/11/2013

PO Print Date 6/11/2013

Page Number 2 of 2

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone

905 669 9444

Vendor Fax

905 738 9033

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

3	M6061T6B1.500X01.500	6061-T6 Bar 1.50 x 1.50	6/17/2013 Yes	✓ 48.00 f	Yours ppd	\$5.4167	\$260.00
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Special Inst:

MATERIAL: 6061-
T6/T651/T6510/T6511/T62 ALUMINUM
BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR ASTM
B221

4	M6061T6B2.000X01.250	6061-T6 Bar 2.00 x 1.25	6/17/2013 Yes	✓ 24.00 f	Yours ppd	\$6.0000	\$144.00
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Special Inst:

MATERIAL: 6061-
T6/T651/T6510/T6511/T62 ALUMINUM
BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR
AMS 4160 OR ASTM B211 OR ASTM
B221

PO Total:

\$721.50

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

PO Instructions:

QUOTATION NO. PEC ST-575462

Change Nbr:

2

Change Date: 6/11/2013

Pricing listed above is as per contract
agreement between Dart Aerospace
and the respective manufacturer.
No substitution or deviation without